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ICF TECHNOLOGY INCORPORATED

MEMORANDUM

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SEP 01 1992

REORGANIZED

TO: Ed Sierra, RPO Region VI

THRU: K. H. Malone, Jr., FITOM

THRU: Larry Thebeau, AFITOM

FROM: Victor Cason, FIT Chemist

SUBJECT: Narrative Summary for Valentine Sugars, Lockport, LaFourche Parish, Louisiana. CERCLIS# LAD008178790, TDD# F-6-8906-39, PAN FLA0298SAF.

Valentine Sugars, Valite Division, is located 6 miles south of Lockport, Louisiana on Highway 308. The company's office, process and storage buildings occupy ten of the 2000 acres owned or leased by the facility. Wastewater from the manufacture of phenol formaldehyde resins had been placed into a surface impoundment one mile north of the facility until September 1985. Since then, the wastewater has been utilized in the manufacture of an adhesive for waterboard production. In 1984, a portion of the 56 acre surface impoundment was found to be contaminated with formaldehyde and phenol. Levies were erected around the contaminated area which reduced the size of the surface impoundment to ten acres.

To complete a Screening Site Inspection (SSI), several data gaps present in the Preliminary Assessment (PA) need to be addressed. An on-site reconnaissance inspection will be performed to gather information for a work plan.

From the process information, it is known that formaldehyde and phenol were present in the wastewater. However, the presence of other hazardous substances is not addressed. Full RAS analysis has not been performed on the soil within the ten acre surface impoundment or on the monitoring wells surrounding the impoundment. Information pertaining to the facility's operating processes, during the period in which the surface impoundment was used, would provide data regarding additional contaminants.

There is a documented release to the alluvial aquifer, which ranges in depth from 5 to 9 feet. Only one known water well (believed to be abandoned) exists within a 4 mile radius. The total depth of the well is 200 feet. The brackish nature of the Mississippi alluvium prevents the use of the aquifer as a drinking water source. A well survey of the surrounding area would determine whether any drinking water wells can be located. Sampling of the monitoring wells surrounding the ten acre surface impoundment would provide additional information regarding contamination of the ground water.